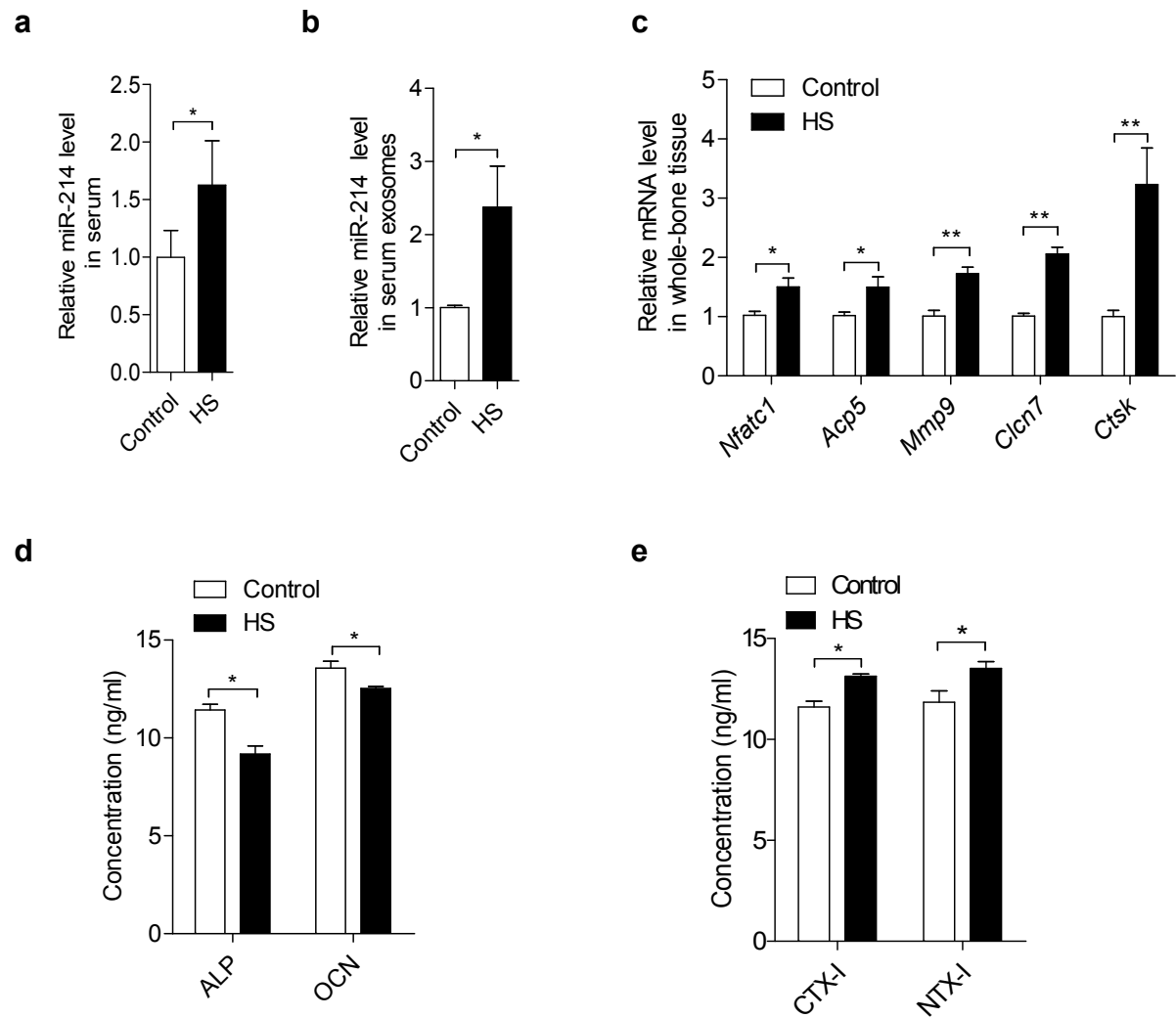


Supplementary Figure 8



Supplementary Figure 8. Changes in circulating miR-214 levels in exosomes from hind-limb suspended mice and their inhibitory role on osteoblast activity.

(a) qRT-PCR analysis of miR-214 levels in serum of HS and control mice. Control, n=3, HS, n=5. The PCR products were normalized to cel-miR-39. (b) qRT-PCR analysis of miR-214 levels in exosomes from serum of HS and control mice. The PCR products were normalized to *RNU6*. (c) *Nfatc1*, *Acp5*, *Mmp9*, *Clcn7* and *Ctsk* mRNA levels in whole-bone tissues of HS and Control mice. (d,e) Serum ALP, OCN, CTX-I and NTX-I levels in HS and control mice were analyzed by ELISA. n=3. The data represent the mean \pm SEM. * $P<0.05$, ** $P<0.01$.